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direction

- a light source having a light axis, wherein the light source provides a light beam

a transparent glass panel for holding the document and permitting passage of light from the light source so that a scan image of the document can be ultimately obtained, wherein the transparent glass panel has a coating thereon for lowering light transparency near mid-portion of the light axis relative to either end of the light axis.

3. The installation of claim 1, wherein the coating is formed using a single layer of coating material but having a variable thickness across the transparent glass panel.

5. The installation of claim 1, wherein the scan image is formed by light provided by the light source on passing through the document.

6. The installation of claim 5, wherein an additional second transparent glass panel is inserted between the document and the light source.

8. The installation of claim 7, wherein the coating is formed using a plurality of coating materials, each having a different light transparency.

10. An installation on a scanner capable of increasing a scanning range along an axial direction of a light source, comprising:

a transparent glass panel positioned between the light source and a document, wherein the transparent glass panel has a coating thereon for lowering light transparency near the mid-portion of the light axis relative to end sections of the light axis, and light from the light source is able to penetrate the panel and the document to form a scan image of the document.

11. The installation of claim 10, wherein the coating is formed using a plurality of coating materials each, having a different light transparency.

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